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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,919	11/06/2001	Gilles Bellaton	13220.003001; P5838	5470

32615 7590 05/11/2005

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EXAMINER

BOUTAH, ALINA A

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 05/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/993,919

Applicant(s)

BELLATON ET AL.

Examiner

Alina N Boutah

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) 1-6 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 7-16 are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/16/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

Applicant's election without traverse of Invention B (claims 7-16) in the reply filed on February 25, 2005 is acknowledged.

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 7-16 are rejected under 35 U.S.C. 102(e) as being anticipated by USPN 6,629,132 issued to Ganguly et al. (hereinafter referred to as Ganguly).

Regarding claim 7, Ganguly teaches a method for selecting a backend using a directory server mapping tree, comprising:

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providing a search criteria by a client application (abstract; col. 3, lines 45-col. 4, line 6; col. 6, lines 26-38);

initiating a search request by the directory server mapping tree (col. 6, lines 26-38; col. 13, lines 10-27);

searching the directory server mapping tree using the search criteria (col. 3, lines 16-31);
and

selecting the backend mapped in the directory server mapping tree that matches the search criteria (col. 12, lines 13-20).

Regarding claim 8, Ganguly teaches the method of claim 7, further comprising:
traversing the directory server mapping tree for each request initiated by the client application (col. 13, lines 9-22).

Regarding claim 9, Ganguly teaches the method of claim 7, further comprising:
determining a node that most resembles the search criteria provided by the client application.

Regarding claim 10, Ganguly teaches the method of claim 9, wherein the node has a state enabling the directory server mapping tree (col. 3, lines 45-col. 4, line 6; col. 12, lines 22-33).

Regarding claim 11, Ganguly teaches the method of claim 9, wherein the node has a state disabling the directory server mapping tree (col. 13, lines 11-22).

Regarding claim 12, Ganguly teaches the method of claim 9, wherein the node has an entry in the directory information tree (figure 2).

Regarding claim 13, Ganguly teaches the method of claim 7, further comprising: modifying the directory server mapping tree from a plugin without dependence on node representation (col. 5, line 58 to col. 6, line 5).

Regarding claim 14, Ganguly teaches the method of claim 7, further comprising: selecting a closest match based on the search criteria, if an exact match is not found (col. 12, lines 22-33).

Regarding claim 15, Ganguly teaches a method for selecting a backend using a directory server mapping tree, comprising:

providing a search criteria by a client application (abstract; col. 3, lines 45-col. 4, line 6; col. 6, lines 26-38);

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initiating a search request by the directory server mapping tree (col. 6, lines 26-38; col. 13, lines 10-27);

searching the directory server mapping tree using the search criteria (col. 3, lines 16-31);

selecting the backend mapped in the directory server mapping tree that matches the search criteria (col. 12, lines 13-20);

traversing the directory server mapping tree for each request initiated by the client application (col. 13, lines 9-22);

determining a node that most resembles the search criteria provided by the client application (col. 3, lines 45-col. 4, line 6; col. 12, lines 22-33);

modifying the directory server mapping tree from a plugin without dependence on node representation (col. 7, lines 16-26); and

selecting a closest match based on the search criteria, if an exact match is not found (col. 12, lines 22-33).

Claim 16 is similar to claim 7, therefore is rejected under the same rationale.

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Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N. Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Friday (9:00 am - 5:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ANB



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